

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13016	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls. or "452". clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 10:49
L2	2309	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 10:49
L3	399	71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 10:49
L4	13016	L1 or L2 or L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 10:49
L5	56866	L4 or "241".clas. or 99/483.ccls. or 99/484.ccls. or 99/485.ccls. or 414/935.ccls. or 414/940.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 10:49
L6	94	((load adj cell) or (digital adj scale)) and L5	US-PGPUB; USPAT	OR	OFF	2006/06/02 10:49
S1	1	"20040265993"	US-PGPUB; USPAT	OR	OFF	2006/06/02 10:47
S2	5	"3899419".pn. or "4473589".pn. or "4959311".pn. or "4908220".pn. or "5713788".pn.	US-PGPUB; USPAT	OR	OFF	2006/05/31 11:40
S3	11	"8604487"	EPO; JPO; DERWENT	OR	OFF	2006/05/31 11:38
S4	1	S2 and mix\$4 and pH and grind\$4 and dry\$4 and (digest\$4 or emulsify\$4 or extrud\$4)	US-PGPUB; USPAT	OR	ON	2006/05/31 13:15
S5	5	"3899419".pn. or "4473589".pn. or "4959311".pn. or "4908220".pn. or "5713788".pn.	US-PGPUB; USPAT	OR	OFF	2006/05/31 14:15
S6	1	S5 and mix\$4 and grind\$4 and dry\$4 and (digest\$4 or emulsify\$4 or extrud\$4)	US-PGPUB; USPAT	OR	ON	2006/05/31 13:41
S7	2	S5 and mix\$4 and grind\$4 and dry\$4	US-PGPUB; USPAT	OR	ON	2006/05/31 13:20
S8	13015	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls. or "452". clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:37

## EAST Search History

S9	2308	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:38
S10	399	71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 13:21
S11	43	S8 and (grind\$4 and protein and (dry\$3 or dried) and mix\$3 and (digest\$4 or emulsify\$4 or extrud\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 13:23
S12	10	"8201719"	EPO; JPO; DERWENT	OR	ON	2006/05/31 14:03
S14	0	"4361590".pn. and enzym\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 14:04
S15	9	"4109019".pn. or "20030172697" or "20030084693" or "6299774".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 14:28
S16	57	S8 and (enzym\$4 with digest\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 14:10
S17	1	("5713788").URPN.	USPAT	OR	OFF	2006/05/31 14:15
S18	13	("4959311").URPN.	USPAT	OR	OFF	2006/05/31 14:16
S19	6	("4908220").URPN.	USPAT	OR	OFF	2006/05/31 14:16
S20	5	("4473589").URPN.	USPAT	OR	OFF	2006/05/31 14:16
S21	20	S17 or S18 or S19 or S20	USPAT	OR	OFF	2006/05/31 14:16
S22	2	S21 and (enzym\$4 with digest\$3) and (grind\$4 or crush\$4 or pulveriz\$4) and (mix or mixing or mixed)	USPAT	OR	ON	2006/05/31 14:20
S23	5	S21 and protein and (grind\$4 or crush\$4 or pulveriz\$4) and (mix or mixing or mixed)	USPAT	OR	ON	2006/05/31 14:18
S24	18	("2975055"   "3272632"   "3617313"   "4089978"   "4269865"   "4307119"   "4497733"   "4908220"   "4957748"   "4959311"   "5049397"   "5063161"   "5171682"   "5186961"   "5459162"   "5505968").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/31 14:20
S25	1	("6174551").URPN.	USPAT	OR	OFF	2006/05/31 14:22

## EAST Search History

S26	15	(enzym\$4 with digest\$4 with (movable or mobile or truck or tractor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 14:30
S27	476	(compost\$3 with (movable or mobile or truck or tractor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 14:31
S28	10	((enzym\$3 or protein) with (bioreactor or compost\$3 or reactor) with (movable or mobile or truck or tractor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 14:55
S29	5	"1496143"	EPO; JPO; DERWENT	OR	ON	2006/05/31 14:36
S30	7	"2245475"	EPO; JPO; DERWENT	OR	ON	2006/05/31 14:48
S33	193	((enzym\$3 or protein) with (bioreactor or compost\$3 or reactor or digest\$4)) and (mixed or mix or mixing) and ((dry or drying or dried) with extrud\$3) and (grind\$4 or crush\$4 or pulveriz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:28
S34	2	"6174551".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:30
S35	5622	426/53.ccls. or 426/54.ccls. or 426/55.ccls. or 426/59.ccls. or 426/443.ccls. or 426/656.ccls. or 426/657.ccls. or 426/807.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:31
S36	17	S35 and (enzym\$4 with digest\$4) and (protein) and (grind\$4 or crush\$4 or pulveriz\$4) and (mix or mixing or mixed) and ((dry or drying or dried) with extrud\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:41
S37	1	S35 and (enzym\$4 with digest\$4) and (protein) and (grind\$4 or crush\$4 or pulveriz\$4) and (mix or mixing or mixed) and ((dry or drying or dried) with extrud\$4) and emulsify\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:33
S38	121	S35 and (enzym\$4 with digest\$4) and (protein) and (grind\$4 or crush\$4 or pulveriz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:41
S39	2	"4908220".pn. or "4959311".pn.	US-PGPUB; USPAT	OR	OFF	2006/05/31 15:43

## EAST Search History

S40	11	("2138715"   "2141663"   "3685747"   "4339084"   "4524916"   "5076504"   "5402950"   "5512015"   "5580305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/31 15:46
S41	1	("5713788").URPN.	USPAT	OR	OFF	2006/05/31 15:54
S45	18600	S35 or S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 16:20
S46	1154	S45 and protein and (grind\$4 or crush\$4 or pulveriz\$4 or milling) and (dry or dried or drying)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 16:21
S47	573	S46 and enzym\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 16:30
S48	8	"75508"	EPO; JPO; DERWENT	OR	ON	2006/05/31 16:30
S49	3	"3294826".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/31 16:31
S50	8	("2947524"   "5123600"   "5256378"   "5377921"   "5405780"   "5583045"   "5630944").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/31 16:37
S51	22	("3708085"   "3787583"   "3831288"   "3870798"   "3904768"   "3971306"   "4018650"   "4046789"   "4132638"   "4172034"   "4203755"   "4259361"   "4464402"   "4632833"   "5174042"   "5260092"   "5634600"   "5728310"   "5810903"   "5980824"   "6197081").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/31 16:43
S52	7	S51 and enzym\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/31 16:43
S53	23	("3939280"   "3997388"   "4008689"   "4060054"   "4121539"   "4219415"   "4274838"   "4292328"   "4338337"   "4349572"   "4354936"   "4429043"   "4526791"   "5472472"   "5527464"   "5535528"   "5584904"   "5637219"   "5811014"   "5863434"   "5897785"   "5958252"   "5980824").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/31 16:45
S54	7	("4378311").URPN.	USPAT	OR	OFF	2006/05/31 16:58

## EAST Search History

S55	1	"443540".pn. or "5772968".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/01 11:37
S56	13016	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls. or "452".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:38
S57	2309	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:38
S58	399	71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:38
S59	13016	S56 or S57 or S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:39
S60	56866	S59 or "241".clas. or 99/483.ccls. or 99/484.ccls. or 99/485.ccls. or 414/935.ccls. or 414/940.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:39
S61	934	S60 and ((movable or mobile or truck or tractor or motile) with (grind\$3 or crush\$3 or pulveriz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:40
S62	16	S61 and protein	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:40
S63	93	S61 and (conveyor adj belt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:41
S64	2	"20040112999"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:41
S66	112	S60 and (ph with (probe or sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:41
S67	53	S66 and enzym\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:41

## EAST Search History

S68	2	"5858449".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:42
S69	2	"6958110".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:42
S70	531	S60 and extruder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:42
S71	88	S60 and (extruder with (dry or dried or drying))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:44
S72	2	"5352469".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:42
S73	3	S60 and (emulsify\$3 same heat\$3 same (reciculat\$3 or re-circulat\$3 or recycl\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:45
S74	2	S60 and ((mix with oil) same heat\$3 same (reciculat\$3 or re-circulat\$3 or recycl\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:11
S75	340	S60 and (centrifug\$3 with pump\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 11:45
S76	2	"5352469".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:12
S77	13016	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls. or "452". clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:23
S78	2309	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:23
S79	399	71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:23

## EAST Search History

S80	13016	S77 or S78 or S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:23
S81	56866	S80 or "241".clas. or 99/483.ccls. or 99/484.ccls. or 99/485.ccls. or 414/935.ccls. or 414/940.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:23
S82	31	(nozzle with (recirculat\$4 or recycle) with (tank or chamber or reactor or bioreactor or drum)) and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:31
S83	2	"4443540".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/01 13:31
S84	23	("4443540").URPN.	USPAT	OR	OFF	2006/06/01 14:24
S92	3	"6045070".pn. or "4026528".pn. or "20040172999"	US-PGPUB; USPAT	OR	OFF	2006/06/02 08:58
S93	10	"2004112999" or "6045070".pn. or "4026528".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 08:59
S94	8	"20040112999" or "6045070".pn. or "4026528".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:05
S95	27	oscillat\$3 with belt with extrud\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:08
S96	2	"5352469".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:14
S97	563	extrud\$4 with (dryer or dry or drying or dried) with (conveyor or belt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:15
S98	13016	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls. or "452".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:15
S99	2309	435/289.1.ccls. or 435/290.1.ccls. or 435/290.4.ccls. or 71/11.ccls. or 71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:15

## EAST Search History

S10 0	399	71/15.ccls. or 71/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:15
S10 1	13016	S98 or S99 or S100	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:15
S10 2	56866	S101 or "241".clas. or 99/483.ccls. or 99/484.ccls. or 99/485.ccls. or 414/935.ccls. or 414/940.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:15
S10 3	19	S97 and S102	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:36
S10 4	8	"4099455".pn. or "3910775".pn. or "3891293".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:25
S10 5	2	"5162129".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:46
S10 6	2	"6673595".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/02 09:47
S10 7	9	("4090921"   "4676951"   "4696902"   "4800164"   "4812392"   "4966853"   "5424209"   "5573950"   "6008010").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/02 09:49
S10 8	1	"6129428".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/02 09:49
S10 9	9	("2321794"   "4250266"   "5266272"   "5343403"   "5449229"   "5541897"   "5733024"   "5735587").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/02 09:49